Typhoon (TY) 25W (Nepartak)*

First Poor : 0000Z 11 Nov 03

First Fair : 1130Z 11 Nov 03

First TCFA : 2030Z 11 Nov 03

First Warning : 1200Z 12 Nov 03

Last Warning : 1200Z 19 Nov 03, Dissipated

Max Intensity : 75 kts, gusts to 90 kts

Landfall : Central Philippines, Hainan Island and Beihai,China

Total Warnings : 29

Remarks:

1) Typhoon (TY) 25W was first noted as an area of deep convection over broad surface troughing around 11 November northeast of Yap. After the cyclone developed and the first warning was issued, the cyclone began moving westward in response to the subtropical ridge situated to the north. As TY 08W tracked westward over the Philippines, land effects resulted in a brief period of weakening, however re-intensification occurred over open water in the South China Sea.

By 0600Z on 16 November, TY 25W began tracking more poleward, along the western periphery of the steering ridge, subsequently making landfall a second time along the southwest coast of Hainan Island. A third and final landfall occurred on the south coast of China at around 1100Z on 19 November. The cyclone dissipated rapidly and a final warning was issued by 1200Z on 19 November.

While TY 25W attained a maximum intensity of 75 knots, no well-formed eye was ever evident, though indications of a weak eye were noted in microwave satellite imagery. Typhoon classification came from the well-developed banding features rather than any eye feature.

2) Damages reported in the Philippines included report of four casualties, On Hainan Island reports indicated significant crop destruction, loss of livestock and approximately 800 homes destroyed. Damages on Hainan were estimated at near 197 million U.S. dollars. Rains brought by the cyclone filled resevoirs and helped to relive the summer drought, reported as the worst since 1939.

*Named by WMO Designated RSMC

Statistics for JTWC on TY25W

	WRN	BEST TRACK			POSITION ERRORS								WIND ERRORS							
DTG	NO.	LAT	LONG	wind	00	12	24	36	48	72	96	120	00	12	24	36	48	72	96	120
03111112		10.7N	141.2E	15																
03111118		11.2N	139.5E	15																
03111200		11.5N	137.8E	20																
03111206		11.8N	135.9E	25																
03111212	1	12.0N	134.0E	35	24	36	59	101	138	122			-5	-10	-5	5	-10	-10		
03111218	2	12.2N	132.1E	40	33	12	43	76	49	48	68	70	0	10	15	0	0	15	20	45
03111300	3	12.3N	130.2E	45	24	30	17	21	56	100	104	158	0	5	5	-5	0	5	25	35
03111306	4	12.3N	128.3E	45	11	30	38	34	78	114	89	148	0	5	0	0	5	5	25	25
03111312	5	12.3N	126.4E	50	13	26	37	65	105	126	96	149	0	5	5	5	10	10	5	0
03111318	6	12.2N	124.5E	50	18	27	65	84	118	149	137	208	0	0	5	0	0	-30	-30	-25
03111400	7	12.1N	122.7E	50	16	53	97	126	128	108	141	255	0	-10	-5	5	0	-10	-45	-25
03111406	8	12.1N	121.1E	55	18	73	134	149	130	129	220	360	0	5	5	5	-10	-10	-40	-10
03111412	9	12.2N	119.9E	60	8	71	130	138	148	154	261	450	5	10	10	5	-10	-15	-25	0
03111418	10	12.4N	118.9E	60	16	75	118	121	154	166	240		0	0	5	0	-10	-15	-20	
03111500	11	12.9N	117.8E	65	26	60	51	72	84	145	221		0	5	0	-5	-5	-30	-15	
03111506	12	13.5N	116.8E	65	0	21	51	71	99	133	155		0	5	0	-5	-5	-30	-5	
03111512	13	13.9N	115.9E	65	0	48	54	66	110	183	227		0	-5	0	0	-10	-25	0	
03111518	14	14.1N	114.9E	65	23	54	68	104	135	207			0	-5	-5	0	-20	-20		
03111600	15	14.3N	113.9E	75	37	48	74	129	165	240			0	5	5	-5	-30	-20		
03111606	16	14.7N	112.9E	75	0	17	29	17	26	33			0	5	10	0	-20	5		
03111612	17	15.2N	112.0E	75	8	12	19	29	46	137			0	5	0	-20	-10	10		
03111618	18	15.7N	111.1E	75	0	13	42	63	103				0	5	0	-10	5			
03111700	19	16.1N	110.3E	70	16	47	81	112	173				0	0	-15	0	-5			

03111706	20	16.4N	109.7E	65	0	26	50	86	132				0	-10	-20	-5	5			
03111712	21	16.9N	109.3E	65	11	37	58	112	170				0	-15	0	0	15			
03111718	22	17.5N	109.0E	65	6	13	56	107					0	-10	5	15				
03111800	23	18.1N	108.8E	75	0	11	16	49					0	20	20	25				
03111806	24	18.7N	108.6E	70	5	6	38						0	10	20					
03111812	25	19.2N	108.5E	55	5	42	104						0	5	20					
03111818	26	19.8N	108.6E	50	12	48							0	10						
03111900	27	20.4N	108.9E	45	13	40							0	15						
03111906	28	21.0N	109.3E	30	16								0							
03111912	29	21.7N	109.7E	20	0								0							
			AVERAGE		13	36	61	84	112	135	163	225	0	7	7	5	9	16	21	21
			BIAS										0	2	3	0	-5	-10	-9	6
			# CASES		29	27	25	23	21	17	12	8	29	27	25	23	21	17	12	8

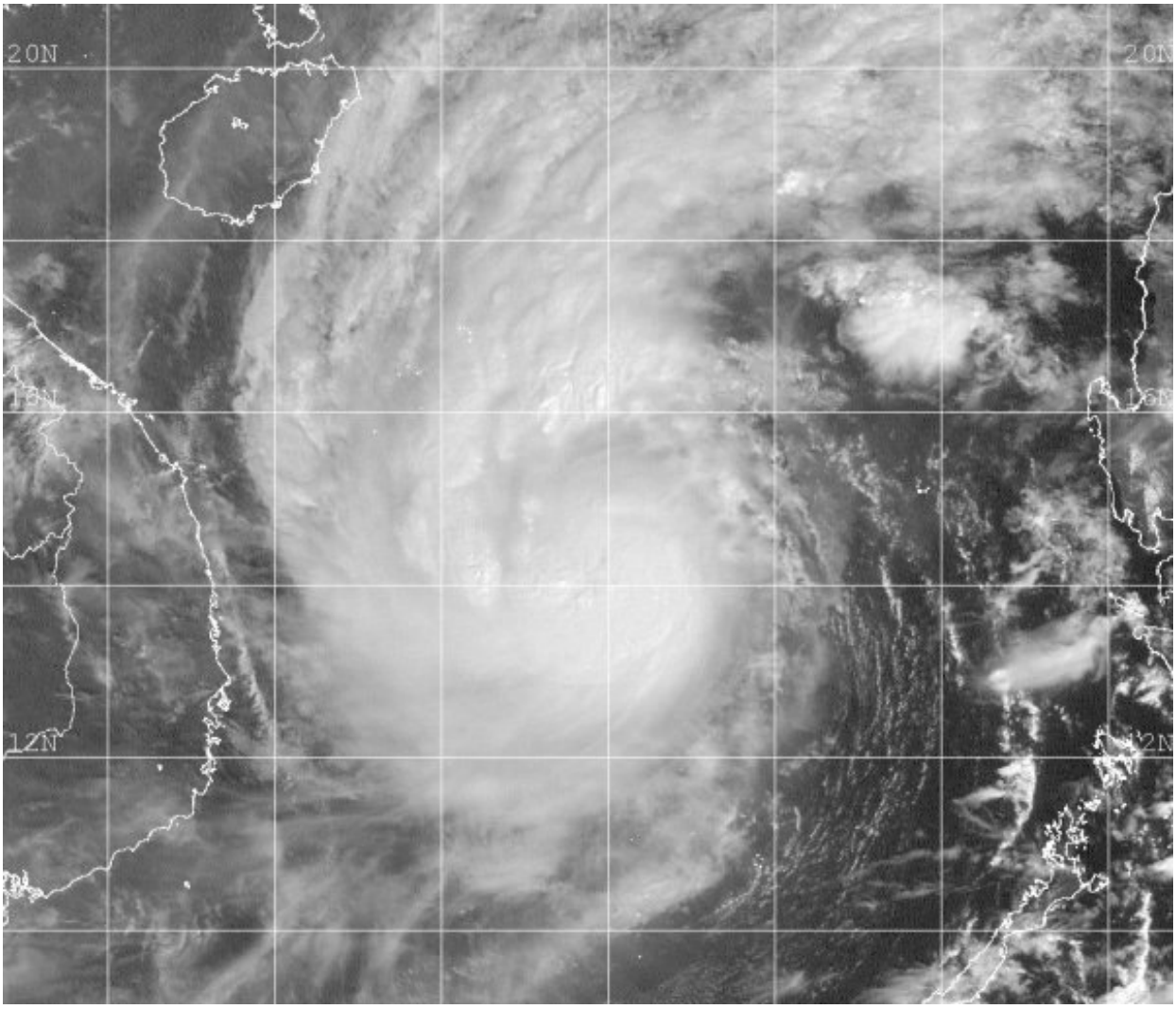


Figure 1-25W-1. 160125Z November 2003 GOES-9 visible satellite image of TY 25W (Nepartak), located in the south China sea, with a peak intensity of 75 knots.

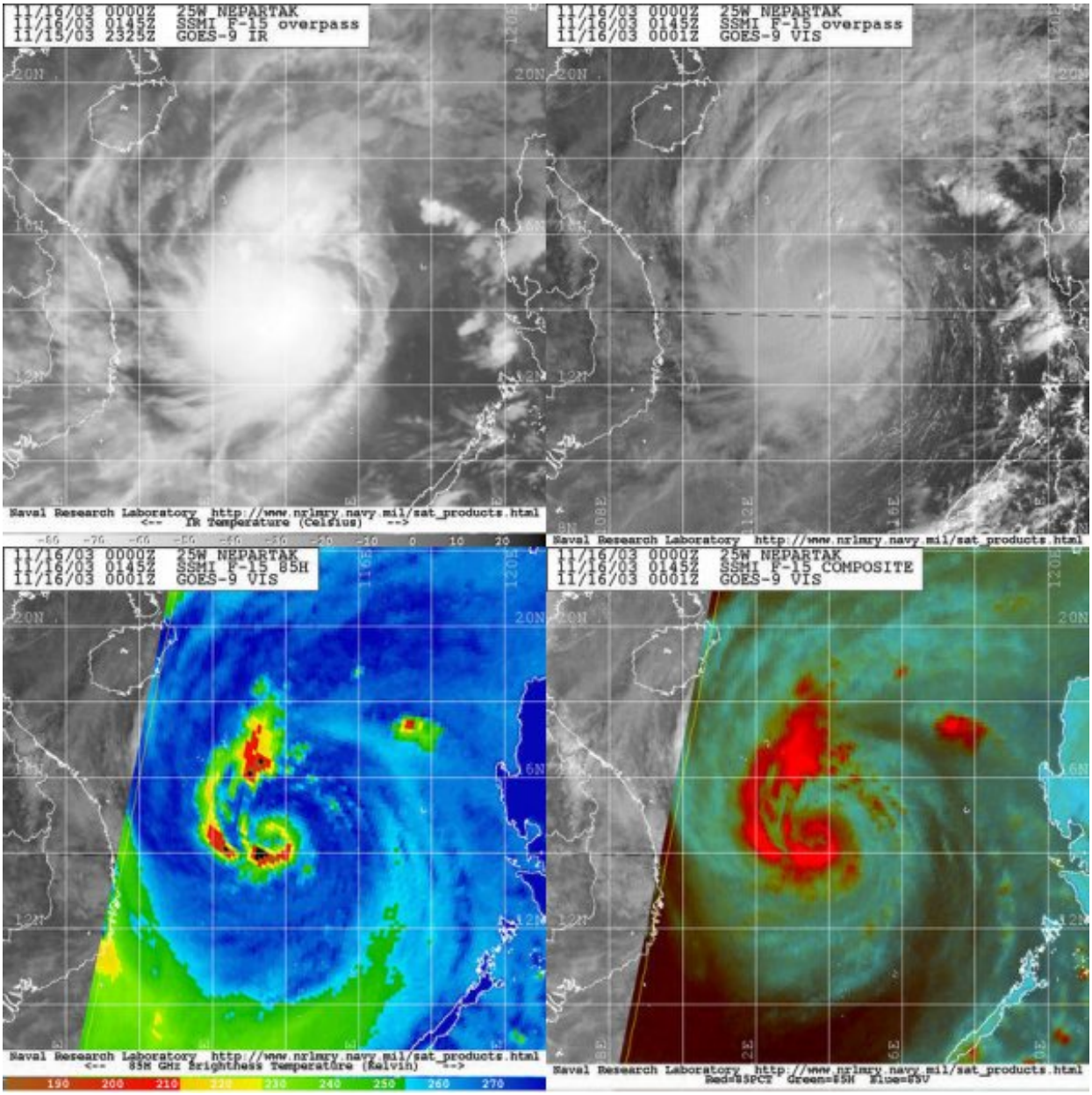


Figure 1-25W-2. 160145Z November 2003 multi-sensor satellite images of TY 25W (Nepartak), located in the south China sea, with a peak intensity of 75 knots.

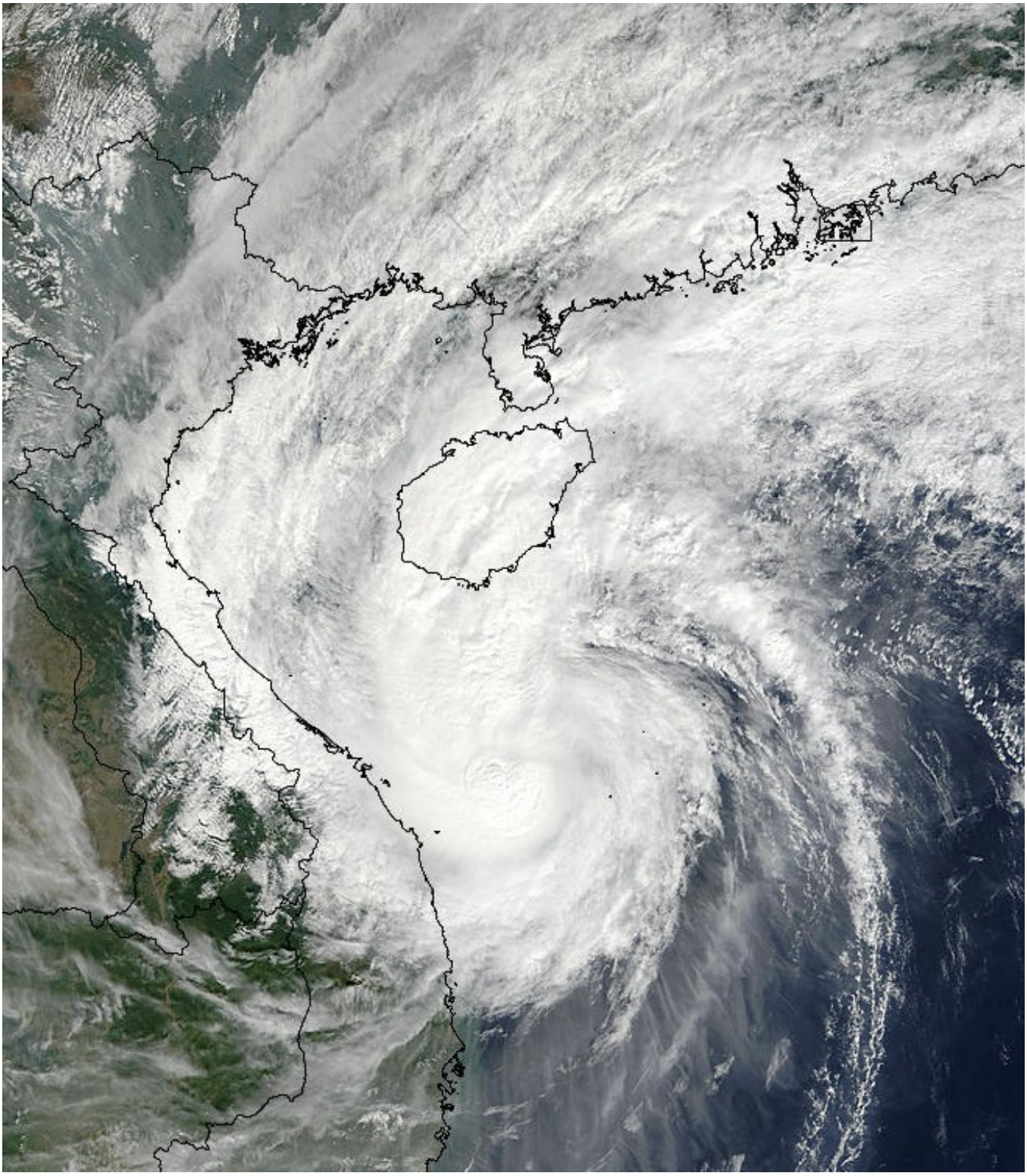
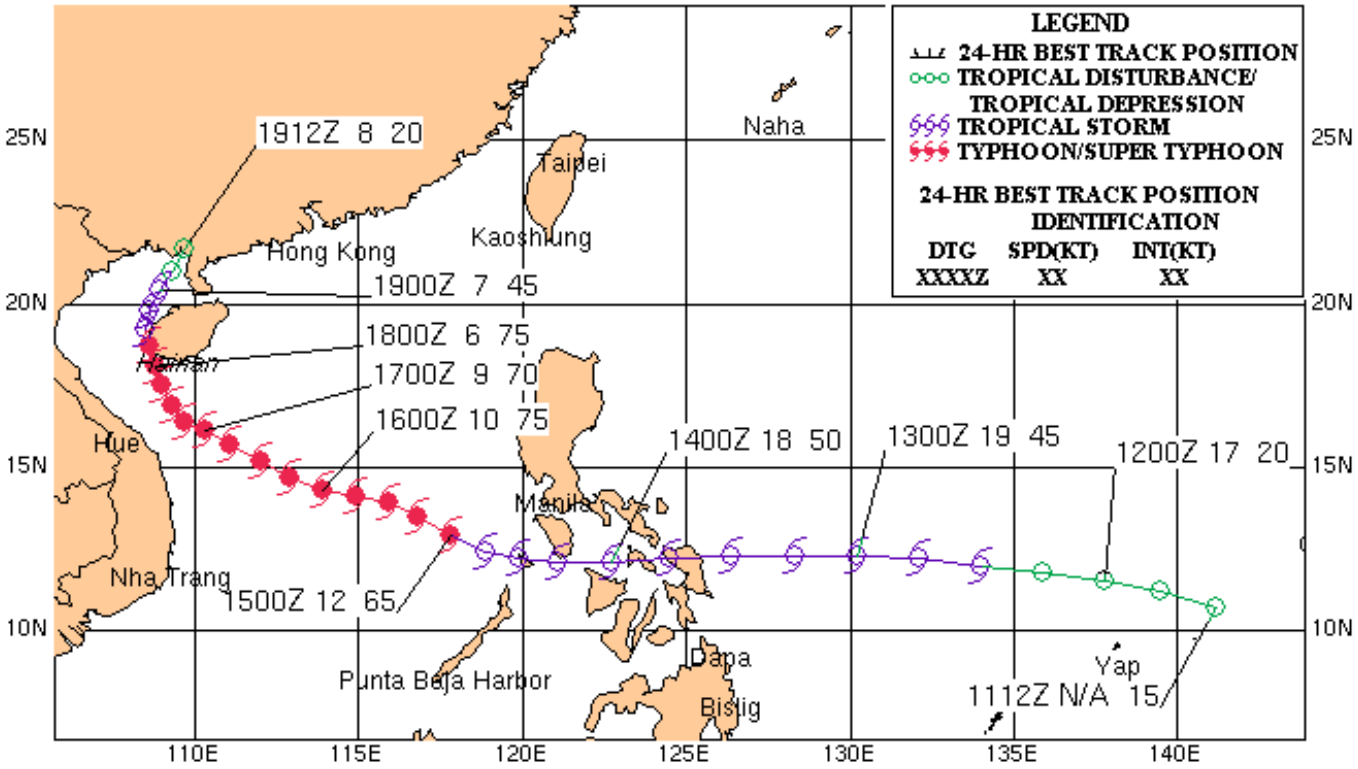


Figure 1-25W-3. 170320Z November 2003 MODIS true-color image of TY 25W (Nepartak), located off Vietnam, with an intensity of 65 knots.

TYPHOON 25W (NEPARTAK)
12 - 19 NOVEMBER 2003



Time Intensity for 25W